

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of	)	
Stephen J. MILLER et al.	)	Group Art Unit: Unassigned
Application No.: Unassigned	)	Examiner: Unassigned
Filed: January 19, 2001	)	
For: PROCESS FOR PRODUCING A	)	
HIGHLY PARAFFINIC DIESEL	)	
FUEL HAVING A HIGH ISO-	)	
PARAFFIN TO NORMAL	)	
PARAFFIN MOLE RATIO	)	

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination on the merits, please amend the above-identified application as follows:

**IN THE CLAIMS:**

Please cancel claims 2-22 without prejudice or disclaimer.

Please add the following new claims:

- 23. A process according to Claim 1 wherein the catalyst further comprises a hydrocracking catalyst.
24. A process for producing a diesel fuel comprising contacting in a isomerization/cracking reaction zone a feed having at least 40% C<sub>10+</sub> normal paraffins and at least 20% C<sub>26+</sub> paraffins with a layered bed system comprising a hydrocracking catalyst, and a catalyst comprising at least one

Group VIII metal and a molecular sieve on a catalytic support to produce a product having an iso-paraffin to normal paraffin mole ratio of at least 5:1 and having a diminished level of  $C_{26+}$  paraffins.

25. A process according to Claim 24 wherein the molecular sieve is a silicoaluminophosphate and wherein the weight ratio of the hydrocracking catalyst to the silicoaluminophosphate molecular sieve containing catalyst is from about 1:5 to about 20:1.--

#### **REMARKS**

The above amendments to the claims are presented in order to conform the present application to the prosecution which transpired in parent application 09/474,615. New claims 23-25 are being added by the subject amendment. Support for these claims can be found at pages 2, 6 and 8 of the specification.

Accordingly, favorable consideration of the subject application is believed to be next in order, and is earnestly solicited.

Respectfully submitted,

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Date: January 22, 2001